

The **ROCHESTER CATHOLIC SCHOOLS** are faith-filled communities that seek to provide a challenging, quality academic experience for students. Our schools are centered on the faith formation of the students as we develop the gifts and talents of each individual. The Rochester Catholic Schools cultivate in our students a respect for themselves and others, a sense of responsibility, a love of learning and a desire to serve. We understand that we are members of the global community of God's family.

We recognize the individual needs of each learner and provide both intervention and enrichment through differentiated instruction, small and large group work, collaborative learning groups, and flexible ability grouping and tracking. Student progress in achieving the curricular goals is measured in a variety of ways. Assessment may include teacher observation, student self-evaluation, formal testing, journals, pre/post testing, checklists and anecdotal records. The Stanford Test of Achievement is administered in grades two through eight.

All curricular areas are on a cycle of review and evaluation and meet or exceed state and national standards. This allows for improvement and growth based on the needs of our students and knowledge gained from reflection and research. The critical objectives of our curriculum are to enhance student potential and improve student learning. This brochure is designed to provide an over-view of the Rochester Catholic School's curriculum. It is based on the comprehensive curriculum that has been written for preschool through grade eight for each subject area.

Students in the **ROCHESTER CATHOLIC SCHOOLS** experience learning through active involvement, inquiry, hands-on instruction and real life situations. We work to model Christ, spread the Good News, and grow closer in our relationship to God.

RELIGION

Area of Focus: Sacraments of the Catholic Church

Profession of Faith

- God as Creator
- Jesus as Son of God
- Mary as mother of Jesus
- God as Father, Son and Holy Spirit
- Holy Spirit as guide
- Good News of Jesus Christ

Celebration of the Christian Mystery

- Seven Sacraments and symbols of the Catholic Church
- Eucharist as the source and summit of Christian Life

Life in Christ

- Practice charity
- Love God
- Serve others
- People made in the image of God
- Commandments of Love
- Golden Rule
- Define sin
- Commandments I through VII
- Beatitudes
- Human Virtues

Christian Prayer

- Define
- Participate in formal and informal prayer

WORLD LANGUAGES: SPANISH AND FRENCH

Communication

- Exchange information, express opinions, write simple sentences, and analyze written passages

Cultures

- Analyze commonly held generalizations
- Cultural connotations of common words and phrases

Connections

- Spanish and French explorers
- Tell time
- Identify adverbs

Comparisons

- Structural patterns
- Leisure activities

Communities

- Technology use to establish connections
- Recite prayers

HOLY SPIRIT

5455 50 Ave NW
Rochester, MN 55901
507-288-8818

SAINT FRANCIS OF ASSISI

318 11 Ave SE
Rochester, MN 55904
507-288-4816

SAINT JOHN THE EVANGELIST

424 West Center St
Rochester, MN 55902
507-282-5248

SAINT PIUS X

1205 12 Ave NW
Rochester, MN 55901
507-282-5161

LOURDES HIGH SCHOOL

621 West Center St
Rochester, MN 55902
507-289-3991

ROCHESTER CATHOLIC SCHOOLS

1710 Industrial Drive NW
Rochester, MN 55901
507-424-1817

Curriculum guide

GRADE 5

2009 - 2010

WWW.ROCHESTERCATHOLICSCHOOLS.ORG

LANGUAGE ARTS

Phonics/Decoding/Function

- Decoding strategies
- Compound subjects, predicates and sentences
- Verbs, nouns, adjectives, adverbs, and prepositions

Usage

- Verbs and pronouns

Mechanics

- Capitalization and punctuation
- Quotation marks

Vocabulary/Word Study

- Word referents
- Idioms, similes and metaphors
- Analogies
- Selected vocabulary and their definitions
- Apply context clues to decode vocabulary

Comprehension/Study Skills

- Descriptive language, inference, author’s point of view, and character traits
- Narrative and expository writing
- Reference materials use

Writing

- Writing process
- Book reports
- Content area reports
- Essay responses
- Research report
- Poetry
- Creative writing

Speaking and Listening

- Give and follow directions
- Tell a story
- Prepare and give a speech

Spelling

- Reproduce words with regular and irregular spelling patterns
- Prefixes, suffixes, and base words

Reference Skills

- Dictionary and thesaurus skills

LIBRARY SKILLS

- Orientation
- Organization
- Selection and utilization of materials
- Comprehension
- Application/appreciation of literature

HANDWRITING

Legibility

- Proper posture, pencil and paper position
- Proper formation of manuscript and cursive letters and numbers
- Size, slant, spacing, shape and smoothness

MATH

Mathematical Reasoning

- Estimate and check that answers are reasonable
- Express and solve a written problem in suitable mathematical language
- Solve a multi-step problem
- Identity, commutative, and associative properties to solve problems
- Mathematical terminology

Number Sense

- Read and write numbers up to three decimal places
- Positive and negative integers on a number line
- Compare, order, and recognize equivalent fractions, decimals and percentages
- Multiples, exponents, prime and composite numbers
- Place value to twelve digits
- Improper fractions and mixed numbers

Computation and Operation

- Compute whole numbers, percentages, and fractions using a calculator, paper/pencil and mental computation

Patterns and Functions

- Find, describe and extend patterns, tables and graphs
- Evaluate expressions using order of operation

Algebra

- Numeric expressions in real world and mathematical problems

Data Analysis and Statistics

- Use fractions and percentages to compare data sets
- Collect and represent data
- Mean, mode, median and range of a data set
- Represent outcomes and draw conclusions for simple probability problems

Spatial Sense

- Reflection and rotation symmetries in two-dimensional shapes

Geometry

- Classify and compare three-dimensional objects and angles
- Polygons, lines, circles

Measurement

- Find the area and perimeter of a triangle
- Compute the surface area of a cube

MUSIC

- Expressive qualities, tone color, duration, pitch, design, cultural context and movement

ART

- Line, shape, color, form, texture, and space
- Create artwork with a variety of media containing unity, balance, movement, pattern, contrast, emphasis and proportion
- Analyze works of art

SCIENCE

Areas of Focus: Micro-worlds, Ecosystems, Food Chemistry, Float and Sink

- Magnification
- Living things are made of at least one cell
- Microorganisms
- Ecosystems functions
- Ecosystems and organisms
- Ecosystem reproduction
- Ecosystem factors
- Nutrients
- Nutrient testing
- Nutrients and human health
- Force, volume, and weight affect on buoyancy
- Scientific process

SOCIAL STUDIES

Area of Focus: United States History including Early Explorers, Colonization and the Revolutionary War

Geography

- Read and interpret data from maps and globes
- Maps
- States and Capitals of the United States
- Geographic locations of current events

History

- Early explorers in colonization of the United States
- Causes/effects of the Revolutionary War
- Origin and significance of documents such as the Constitution and Declaration of Independence
- History through current events

Civics

- Pledge of Allegiance
- Federal, state and local governments
- Branches of government
- Government and citizen issues
- Dignity of occupations and cultures

Environment

- Wise use of resources
- Interaction of people and their surroundings
- Compare/contrast energy resources from past/present

Economics

- Economic impact of early exploration, colonization and the Revolutionary War

Study Skills

- Study skills, test taking strategies and time management

COMPUTER SKILLS

The computer skills curriculum follows the guidelines set forth by the National Educational Technology Standards. At each grade level students are being introduced to, developing or mastering the many skills under each standard. Students will achieve mastery of these standards by the end of eighth grade. The use of technology is integrated into all curricular areas.

Areas of focus in Grade 5:

- Word processing
- Ethics
- Desktop publishing
- Spreadsheets
- Graphics
- Multi-media software

PHYSICAL EDUCATION/HEALTH

- Strike, propel, receive
- Fitness testing
- Personal health
- Safety

FAMILY LIFE

Spiritual Being

- Our body, sexuality, human reproduction and vocation as a gift from God
- Sexual intercourse to be shared between husband and wife

Psychological Being

- Choice and decision making skills
- Concept of family
- Expression and response to feelings
- Friendship skills
- Catholic Virtues, and Gifts and Fruits of the Holy Spirit

Physical Being

- Physical changes and terminology
- Gender Awareness
- Reproduction and procreation

GUIDANCE

- Personal, social and emotional health
- Careers and vocations
- Academic study skills